

SUKACH, I. F.

20850. Sukach, I. F. O sevooborotakh v kholpkovykh kolkhozakh. Sots sel 'hoz-vo Uzbek-
istana, 1949, No. 1, s. 10-14.

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949.

SUKACH, I. F.

36763. Peredovoye Agronomicheskoye ucheniye. (K 10-y godovshchine so dnya smerti V. R. Vil'yamsa). Sots. sel. khoz-vo Uzbekistana, 1949, No. 4, c. 17-21

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

SUKACH, I. F.

Agriculture - Uzbekistan

Achievements of science and progressive practice in Uzbekistan agriculture. Dost.
sel'khoz, No. 7, 1952.

Monthly List of Russian Accessions, Library of Congress
December 1952. UNCLASSIFIED.

Sukach, I.F.

AUTHOR: Sukach, I.F., Director TIIIMSKh 99-58-3-8/12

TITLE: Tashkent Institute for Engineers of Irrigation and Mechanization of Agriculture (Tashkentskiy institut inzhenerov irrigatsii i mekhanizatsii sel'skogo khozyaystva)

PERIODICAL: Gidrotekhnika i Melioratsiya, 1958, # 3, pp 39 - 41 (USSR)

ABSTRACT: Tashkent Institute for Engineers of Irrigation and Mechanization of Agriculture (TIIIMSKh) founded in 1934, is one of 50 vuzes that were established after the October Revolution. At present, it is composed of following faculties: hydro-melioration; mechanization of agriculture; soil cultivation; a special faculty of mechanization of farm operations for managers and chief engineers of MTS, and a faculty for correspondence courses. At present, there are 276 teachers, among them: Academician of the Uzbek SSR Academy of Sciences, Professor E.N. Kary-Niyazov; Member-Correspondent of the same Academy, Professor S.T. Altunin; Member-Correspondent of VASKhIL, Professor N.A. Yanishevskiy, and Professors V.F. Bulayevskiy, G.A. Koshevnikov, A.N. Gostunskiy, E.Kh. Uzenbayev and others. The institute published 465 scientific works and many technical textbooks.

Card 1/2

99-58-38/12

Tashkent Institute for Engineers of Irrigation and Mechanization of
Agriculture

ASSOCIATIO. : TIHIMSKh

AVAILABLE: Library of Congress

Card 2/2

SUKACH, K.

KHODOS, V., starshiy leytenant; SUKACH, K., leytenant

Attachment for pneumatic drills for making blast holes in
frozen soil. Voen.-inzh. zhur. 101 no.1:40 Ja '58. (MIRA 11:2)
(Earthwork) (Pneumatic tools)

SUKACH, P.
USSR/Agricultural Cooperatives 4106.

Dec 1947

"Concerning Five-Year Plans in Collective Farms," A. Kaminskiy, P. Sukach,
Candidates in Agricultural Sciences, 8 pp

"Sots Sel Khoz" Vol XVIII, No 12

Discusses five-year plans which individual kolkhoz have established for themselves, thereby increasing efficiency and productivity of labor in fulfillment of national Five-Year Plan. Names specific kolkhoz and certain points of their plans as examples. Gives 14 basic points of a typical kolkhoz five-year plan, covering administration, organization, sowing, agricultural measures, tractors and other mechanical traction, grain and livestock development, development of subsidiary branches of enterprises, construction, manpower, specialized training of personnel, determination of over-all production, finance, housing, and index of results of five-year plan.

LC

13631

ABRAMOV, V.A.; RUMYANTSEV, A.F.; CHAYKIN, P.I.; ABATURIN, I.V.;
GAVRILOV, V.I.; ALTAYSKIY, I.P.; KAMINSKIY, A.Ye.; SUKACH,
P.V.; VASIL'YEV, V.N.; OBOLENSKIY, K.P.; SAVEL'YEV, Ye.A.;
MOTOV, S.I.; RUSAKOV, G.K.; IVANOV, F.G.; PISKUNOV, V.,
red.; POLYAKOVA, I., red.; MUKHIN, Yu., tekhn. red.

[Economics of agricultural enterprises; textbook] Ekonomika
sel'skokhoziaistvennykh predpriyatii; uchebnoe posobie. Mo-
skva, Gospolitizdat, 1962. 510 p. (MIRA 15:9)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya
partiynaya shkola.
(Farm management)

BALIKHIN, B.I.; IVANOV, N.A.; POLTORYGIN, V.K.; SUKACH, P.V.,
red.; VORONINA, E.V., red.

[The economics of construction; a textbook] Ekonomika
stroitel'stva; uchebnoe posobie. Moskva, Mysl', 1964.
191 p. (MIRA 18:1)

1. Moscow. Zauchnaya vysshaya partiynaya shkola.

SUKACH, S.

V.I.Lenin on the union of the labor class and the peasantry. Sov.profsoluzny
2 no.5:18-27 My '54. (MLRA 7:6)
(Lenin, Vladimir Il'ich, 1870-1924) (Communism)

S/137/61/000/006/057/092
A006/A101

AUTHOR: Sukach, S.A.

TITLE: Welding the cylinders of steam turbines made of perlite class 20KhMFL (20KhMFL) and 15Kh1M1FL (15Kh1M1FL) grade steel

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 6, 1961, 15, abstract 6E102 (V sb. "N-oryye vopr. tekhnol. proiz-va turbin", Tr. Leningr. metallich. fa, no. 7, Moscow-Leningrad, 1960, 248 - 253)

TEXT: Heat-resistant grade 20KhMFL and 15Kh1M1FL steels of the perlite class are employed for the manufacture of steam turbines with high steam parameters. The welding of structural joints and the welding-up of defects were carried out with $U\bar{L}-20$ (TsL-20) (for 20KhMFL steel) and $U\bar{L}-27$ (TsL-27) (for 15Kh1M1FL steel) electrodes. During the welding process the joints in the layers were trimmed. Heat treatment is recommended immediately after welding. If this is not possible the parts are heated to 400-500°C directly after welding and held at this temperature for 4 - 5 hours. The parts are then cooled during 16 - 20 hours down to the temperature of the surrounding medium.
[Abstracter's note: Complete translation] V. Gorb

Card 1/1

PHASE I BOOK EXPLOITATION SOV/5460

Leningradskiy metallicheskiy zavod. Otdel tekhnicheskoy informatsii.

Nekotoryye voprosy tekhnologii proizvodstva turbin (Certain Problems in the Manufacture of Turbines) Moscow, Mashgiz, 1960. 398 p. (Series: Its: Trudy, vyp. 7) Errata slip inserted. 2,100 copies printed.

Sponsoring Agency: RSFSR. Sovet narodnogo khozyaystva Leningradskogo ekonomicheskogo administrativnogo rayona, Upravleniye tyazhelogo mashinostroyeniya, and Leningradskiy dvazhdy ordena Lenina metallicheskiy zavod. Otdel tekhnicheskoy informatsii.

Ed. (Title page): G. A. Drobilko; Editorial Board: Resp. Ed.: G. A. Drobilko, B. A. Glebov, A. M. Mayzol, and M. Kh. Marnik; Tech. Ed.: A. I. Kontorovich; Managing Ed. for Literature on Machine-Building Technology: Ye. P. Naumov, Engineer, Leningrad Department, Mashgiz.

PURPOSE: This collection of articles is intended for technical personnel in turbine plants, institutes, planning organizations, as well as for production innovators.

Card-1/12

Certain Problems (Cont.)

SOV/5460

COVERAGE: The experience of the LMZ (Leningradskiy metallicheskiy zavod - Leningrad Metalworking Plant) in the manufacture of modern large-capacity turbines is presented. Methods for the rationalization of basic manufacturing processes and for the mechanization and automation of manual operations are given. Descriptions of attachments and tools designed by LMZ for improving labor productivity and product quality are provided, and advanced inspection methods discussed. References accompany some articles. No personalities are mentioned. There are 26 references: 25 Soviet and 1 English.

TABLE OF CONTENTS:

Foreword

3

I. NEW PROCESSING METHODS IN MACHINING AND ASSEMBLY

Ganze, Z. M. [Engineer]. The Organization, Methods, and Trends in Efforts for Improving the Easy Manufacturability of Designs for Large Hydraulic Turbines
Card 2/12

5

Certain Problems (Cont.)

SOV/5460

16

Surface of Turbine Blades on a Lathe

224

Tsimmerman, A. I. [Engineer]. Fixtures With Universal Pneumatic Actuation

230

Mart'yanov, G. I. [Engineer]. Surfacing the Leading Edges of Turbine Blades With Stellite- [Type] Hard Alloy

234

Blokh, V. A. [Engineer]. Moment Recording Scales for Weighing Turbine Blades

237

IV. PROGRESSIVE METHODS FOR WELDING, CASTING, PARTS HEATING, AND ELECTROCHEMICAL TREATING

Averin, V. D. [Engineer], and B. A. Rabotnov [Engineer]. The Application of Automatic Welding in the Manufacture of Hydraulic and Steam Turbines

240

Sukach, S. A. [Engineer]. The Welding of Steam-Turbine Cylinders Made of Types 20KhMFL and 15Kh1MFL Perlitic Steels
Card-7/12

248

SUKACH, S. P. Cand Tech Sci -- (diss) ^{starting} ~~The setting in motion~~ of centrifugal pumps with valve ~~1000~~ open." Khar'kov, 1958. 15 pp (Min of Higher Education UkSSR. Khar'kov Construction Engineering Inst), 100 copies (KL, 14-58, 114)

-75-

SUKACH, S.P. (Khar'kov)

Installing vacuum tanks on the intake lines of centrifugal pumps.
Vod. i san. tekhn. no. 4:27-29 Ap '61. (MIRA 14:4)
(Centrifugal pumps) (Vacuum apparatus)

SUKACH, S.P., kand. tekhn. nauk (Khar'kov); ANTONICHUK, Zh.I., inzh.
(Khar'kov)

Use of rising asbestos-cement pipes in the Ukraine. Vol. 1
san. tekhn. no.12:33-34 D '64 (MIRA 18:2)

SUKACH, VLADIMIR DAVYDOVICH

PHASE I BOOK EXPLOITATION

595

Kogan, Kopel' Borisovich; Kamysheva, Nina Konstantinovna; Reka, Mikhail Dmitriyevich; Sukach, Vladimir Davydovich; Svetlichnyy, Pavel Luk'yanovich; and Shvets, Vladimir Vasil'yevich

Eksperimental'nyy prokhodcheskiy kombayn KP (The KP Experimental Continuous Mining Machine) Moscow, Ugletekhizdat, 1957. 50 p. 5,000 copies printed.

Resp. Ed.: Arkhangel'skiy, A. S.; Ed. of Publishing House: Astakhov, A. V.,
Tech. Ed.: Il'inskaya, G. M.

PURPOSE: This pamphlet deals with the selection method for a drift-cutting machine. It should be of interest to mining engineers and technicians in the coal-mining industry.

COVERAGE: In this pamphlet the authors briefly describe the design, method of selection of basic parameters, and the organization of field tests for the KP continuous mining machine operating conditions. This machine, to be used in soft rock for cutting drifts and cross-cuts in coal mines, was built at the Kopeyskiy Mashinostroitel'nyy zavod imeni S. M. Kirova (Kopeysk Machine-building Plant imeni S. M. Kirov). A description is given of the planetary cutting

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The KP Experimental Continuous (Cont.)

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mechanism and the drive system. Numerous performance data collected during the test are also given. No personalities are mentioned. There are no references.

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CONTENTS:

Introduction	3
1. Selection of Type and of Basic Parameters of Cutting Mechanism for the Continuous Mining Machine	4
Cutting mechanism	7
Construction features	17
2. Organization of Field Tests for the Machine Under Operating Conditions	26
Test Measurements	27
Field Tests Under Actual Work Conditions	34
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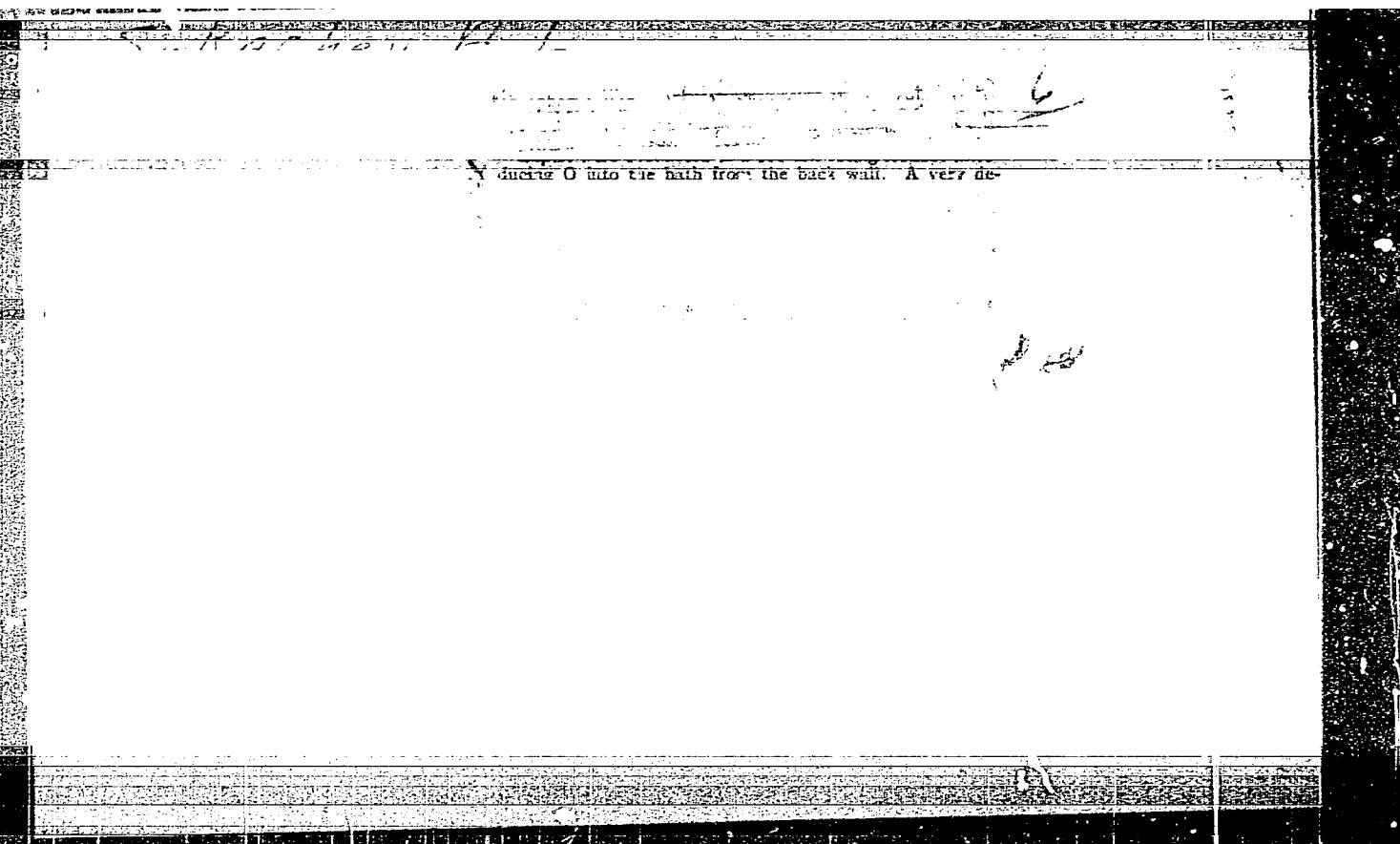
AVAILABLE: Library of Congress (TN 813.K59)

Card 2/2

GO/gmp
August 28, 1958

MIKHAYLOV, V.G., doktor tekhn.nauk; KRAPIVIN, M.G., kand.tekhn.nauk;
KARYUK, G.G., kand.tekhn.nauk; KOZHENTSEV, Yu.T., aspirant;
GARASHCHENKO, P.A., aspirant; MALIAROV, G.P., aspirant;
KOGAN, K.B., inzh.; SUKACH, V.D., inzh.; TKACHENKO, V.A., inzh.;
LINENKO, Yu.P., inzh.; MOZNAIM, G.I., inzh.; MARTYSENKO, I.A., inzh.

Cutting tool for the cutter loader. Ugol' Ukr. 6
no.8:37-39 Ag '62. (MIRA 15:11)
(Coal mining machinery)



ЗУКАЧЕВ, А. И.

О.Д.Зерин	Увеличение скорости обезуглерожива-
А.Е.Клибачев	ния в газосодержащих металлах.
Н.А.Шошоров	Ускорение мартенситной реакции при
А.Г.Котин	теплой подготовке шлуды.
А.Г.Професс	
Н.А.Шошоров	Ускорение процесса меднообработ-
А.И.Сувачев	ки в плавлении шлуды при по-
А.П.Котин	высокой температуре в вакууме мартен-
	ситной шлуды в период плавления.
Ф.П.Назаров	Применение атомных источников рас-
	счета в промышленности для ускорения
Ф.П.Назаров	мартенситной реакции в металлах.
	Исследования системы сталоматери-
	альной промышленности при
Н.А.Касимов	различных температурах.
	Контроль качества ускорения при
	высокой температуре его в вакууме
	мартенситной шлуды.

report submitted for the 5th Physical Chemical
Conference on Steel Production, Moscow-- 30 Jan 1959.

SUKACHEV, A.I., kand.tekhn.nauk; MYSHONKOV, N.I., kand.tekhn.nauk

Smelting steel with use of oxygen. Trudy Ukr.nauch.-issl.inst.
met. no.5:103-113 '59. (MIRA 13:1)
(Steel--Metallurgy)
(Oxygen--Industrial applications)

SHNEYEROV, Ya.A.; LEPORSKIY, V.V.; KAZARNOVSKIY, D.S.; KOTIN, A.G.; KURMANOV, M.I.; SUKACHEV, A.I.; SLADKOSHEV, V.M.; BUL'SKIY, M.T.; SVIRIDENKO, F.F.; SIDEL'KOVSKIY, M.P.; KOZHEVNIKOV, I.Yu., red.; BORODAVKIN, M.L., red. izd-va; ISLENT'YEVA, P.G., tekhn. red.

[Converting phosphorous cast iron in open-hearth furnaces] Peredel fosforistykh chugunov v martenovskikh pechakh. Moskva, Gos. nauchno-tekhn. izd-vo po chernoi i tsvetnoi metallurgii, 1961. 256 p.

(MIRA 14:3)

(Open-hearth process)

SURACHEV, A. J.

114

PHASE I BOOK EXPLOITATION

SOV/5411

Konferentsiya po fiziko-khimicheskim osnovam proizvodstva stali. 5th,
Moscow, 1959.

Fiziko-khimicheskiye osnovy proizvodstva stali; trudy konferentsii
(Physicochemical Bases of Steel Making; Transactions of the
Fifth Conference on the Physicochemical Bases of Steelmaking)
Moscow, Metallurgizdat, 1961. 512 p. Errata slip inserted.
3,700 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut metallurgii imeni
A. A. Baykova.

Responsible Ed.: A. M. Samarin, Corresponding Member, Academy
of Sciences USSR; Ed. of Publishing House: Ya. D. Rozentsveyg.
Tech. Ed.: V. V. Mikhaylova.

Card 1/16

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Physicochemical Bases of (Cont.)

SOV/5411

PURPOSE: This collection of articles is intended for engineers and technicians of metallurgical and machine-building plants, senior students of schools of higher education, staff members of design bureaus and planning institutes, and scientific research workers.

COVERAGE: The collection contains reports presented at the fifth annual convention devoted to the review of the physicochemical bases of the steelmaking process. These reports deal with problems of the mechanism and kinetics of reactions taking place in the molten metal in steelmaking furnaces. The following are also discussed: problems involved in the production of alloyed steel, the structure of the ingot, the mechanism of solidification, and the converter steelmaking process. The articles contain conclusions drawn from the results of experimental studies, and are accompanied by references of which most are Soviet.

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Physicochemical Bases of (Cont.)

SOV/5411

Panov, A. S., and P. N. Perchatkin. Comparison of the Desulfurizing Capacity of Oxides During the Melting Period in Processing Low-Manganese Pig Irons

66

Shneyerov, Ya. A., A. G. Kotin, and A. G. Derfel'. Accelerating the Open-Hearth Process in the Preparation of the Charge (Pig Iron and Loose Materials)

70

Shneyerov, Ya. A., A. I. Sukachev, and A. G. Kotin. Accelerating the Slag Formation and Melting Processes by Blowing Oxygen Into the Bath During the Meltdown Period

81

Kazachkov, Ye. A. Kinetics of the Oxidation of Low-Concentrated Carbon in the Open-Hearth Bath

88

Zorin, O. D., and A. Ye. Khlebnikov. The Kinetic Decarburization

Card 5/16

SHNEYEROV, Ya.A., kand.tekhn.nauk; DERFEL', A.G., kand.tekhn.nauk; KOTIN, A.G., kand.tekhn.nauk; Primali uchastiye: ZAYTSEV, I.A.; KURAPIN, B.S.; LEVITASOV, Ya.M.; SUKACHEV, A.I.; TRET'YAKOV, Ye.V.; UMNOV, V.D.; SHUKSTUL'SKIY, I.B.

Reducing the consumption of ferromanganese in the making of open-hearth steel. Trudy Ukr. nauch.-issl. inst. met. no.7:103-114
'61. (MIRA 14:11)

(Steel--Metallurgy) (Ferromanganese)

SUKACHEV, A.I.

Effect of basic technological parameters on the oxygen content
of metal during the open-hearth process. Sbor. trud. UNEIM
no.9:125-134 '64 (MIRA 18:1)

SUKACHEV, A.P., dotsent, kandidat tekhnicheskikh nauk; RYAZANOV, G.A., kandidat fiziko-matematicheskikh nauk (Leningrad); GURIEVICH, L.M., doktor fiziko-matematicheskikh nauk (Leningrad); GEMEROZOV, M.V., inzhener (Saratov).

Terminology of theoretical electric engineering. Elektrichestvo no.11:76-80
N '53. (MLRA 6:10)

1. Khar'kovskiy politekhnicheskii institut im. Lenina (for Sukachev).
(Electric engineering--Terminology)

SUKACHEV, A.P.

Category : USSR/Magnetism - General Problems

F-1

Abs Jour : Ref Zhur - Fizika, No 2, 1957 No 4001

Author : Sukachev, A.P.

Title : Definition of the Concepts Pertaining to the Field of Electromagnetic Phenomena and of Electric and Magnetic Circuits.

Orig Pub : Tr. Khar'kovsk. politekhn. in-ta, ser. elektroradnotekhn., 1954, 3, vyp. 1, 79-140

Abstract : Comments on an article of the same name by L.R. Neyman in the periodical "Elektrichestvo", 1949, No 2.

Card : 1/1

STUPEL', Fayvel' Aronovich; VASHURA, B.F., prof., retsenzent; SUKACHEV, A.P., dots., retsenzent; KALUZHNIKOV, N.A., retsenzent; BARU, I.L., prof., otv.red.; VAYNBERG, D.A., red.; CHERNYSHENKO, Ya.T., tekhn.red.

[Electromechanical relays; principles of the theory, analysis, and design] Elektromekhanicheskie rele; osnovy teorii, proektirovaniia i rashcheta. [A textbook] Uchebnoe posobie. Izd.2. Khar'kov, Izd-vo Khar'kovskogo univ., 1956. 354 p. (MIRA 12:5)
(Electric relays)

STUPEL', Fayvel' Aronovich; SUKACHEV, A.P., dotsent, etv.red.; VAYNBERG, D.A., red.; CHERNYSHENKO, Ya.T., tekhn.red.

[Induction-type converters of mechanical quantities; make-up diagrams and design] Induktivnye i induktsionnye preobrazovatelyi mekhanicheskikh velichin; ustroistvo, skhemy, raschet. Khar'kov, Izd-vo Khar'kovskogo gos.univ.im. A.M. Gor'kogo, 1958. 102 p. (MIRA 12:2)

(Electric apparatus and appliances)

SUKACHEV, Aleksandr Pavlovich; FEDOROV, A.V., kand. tekhn. nauk, dots.,
otv. red.; VAYNBERG, D.A., red.; MOROZ, S.M., tekhn. red.

[Theoretical principles of electrical engineering] Teoreticheskie
osnovy elektrotekhniki. Khar'kov, Izd-vo Khar'kovskogo univ.
Pt.1. [Physical principles of electrical engineering] Fizicheskie
osnovy elektrotekhniki. 1959. 458 p. (MIRA 15:7)
(Electric engineering)

KALUZHNIKOV, Nikolay Anatol'yevich; IVAKHNENKO, A.G., prof., retsenzent;
HENIN, V.L., dotsent, retsenzent; STUPEL', F.A., dotsent,
retsenzent; SUKACHEV, A.P., dotsent, otv.red.; DEREVYANCHENKO,
R.M., red.; NIKULINA, N.I., tekhred.

[Designing of magnetic amplifiers] Retchet magnitnykh usili-
telei. Khar'kov, Izd-vo Khar'kovskogo gos.univ. im. A.M.Gor'kogo,
1960. 352 p. (MIRA 14:4)
(Magnetic amplifiers)

IVANOV, Anatoliy Aleksandrovich, kand. tekhn.nauk, dots.; SUKACHEV,
A.P., kand. tekhn. nauk, retsenzent; LABINOVA, N.M., red.
izd-va; MONZHERAN, P.F., tekhn. red.

[Fundamentals of the theory of electrical and magnetic
circuits] Osnovy teorii elektricheskikh i magnitnykh tsepei.
Kiev, Izd-vo AN USSR, 1963. 156 p. (MIRA 16:12)
(Electric networks) (Magnetic circuits)

OSTROUMOV, G.V.; SUKACHEV, A.P.;

[Collection of problems in the theoretical principles of
electrical engineering] Sbornik zadach po teoreticheskim
osnovam elektrotekhniki. Khar'kov, Politekhn. in-t.
Pt.2. No.2. 1963. 67 p. (MIRA 18:8)

KAGANSKIY, I.M.; KARAVAYEV, M.M.; SUKACHEV, B.P.; LYUBCHENKO, T.V.

Pressure of saturated vapors over highly concentrated fuming
nitric acid. Zhur. prikl. khim. 34 no.5:1087-1092 My '61.
(MIRA 16:8)

1. Lisichanskiy filial Gosudarstvennogo nauchno-issledovatel'-
skogo i proyektnogo instituta azotnoy promyshlennosti i pro-
duktov organicheskogo sinteza.
(Vapor pressure) (Nitric acid)

1. SUKACHEV; I. I., Eng.

2. USSR (600)

4. Peat Industry

7. Improving the supply of peat enterprises with spare parts for their equipment.
Torf. prom. 29 no. 10. '52.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

SUKACHEV, N.S.

New electrometric method of determination of motor reactions.

Vopr.fiziol. no.8:173-178 '54.

(MIRA 14:1)

1. Kiyevskiy meditsinskiy institut i Ukrainskiy institut
pitaniya.

(MOVEMENT,
electrometric registration)

^{E.}
~~SUKACHOV~~, N.S.

Preparation of mercuric devices for recording various movements.
Fiziol.zhur. [Ukr.] 2 no.1:121-125 Ja-F '56. (MIRA 10:1)

1. Kiivs'kiy medichniy institut imeni akademika O.O.Bogomol'tsya,
kafedra normal'noi fiziologii.
(PHYSIOLOGICAL APPARATUS)

SUKACHEV, N.S.

Technic for implanting thermocouples and electrodes. Fiziol.zhurn. 42
no.12:1072-1074 D '56. (MLRA 10:2)

1. Kafedra normal'noy fiziologii Meditsinskogo instituta, Kiyev.
(PHYSIOLOGY, appar. and instruments
thermocouples & electrodes, method of implantation)

MURAVOV, I.V.; SUKACHEV, H.S.; ROMANENKO, D.I.

Ergographic technique. Fizibl.znur. 43 no.12:1202-1204 D '57.
(MIRA 11:3)

1. Kafedra normal'noy fiziologii Meditsinskogo instituta, Kiyev.
(MUSCLES, physiology,
ergography, technic & appar. (Rus))

SUKACHEV, V.I., redaktor

[Transactions of the Conference of Forest Typology, February 3-5, 1950.] Trudy Soveshchaniia po lesnoi tipologii, 3-5 fevralia 1950 g. Moskva, 1951. 143 p. (MIRA 8:11)

1. Akademiya nauk SSSR. Institut lesa.
(Forests and forestry)

SUKACHEV, V. N.

PA 66T76

USSR/Medicine - Botany
Medicine - Plants

Feb 1948

"Soviet Trends in Phytocoenology," Academician
V. N. Sukachev, 7 $\frac{1}{2}$ pp

"Vest Ak Nauk SSSR" No 2

Soviet Union leads in three fields of phytocoenology: 1) studies of the interrelation or the interaction of plants in phytocoenosis, 2) study of the relation of nature of structure and propagation of phytocoenes to physical and geographical conditions, and 3) study of the dynamics of phytocoenosis.

66T76

SUKACHEV, V. N.

PA 6/49T75

USSR/Medicine - Biology
Medicine - Physiology

May/Jun 48

"Competition for the Prize Imeni Academician I. P. Pavlov," Acad V. N. Sukachev, Deputy Acad Secy, Dept Biol Sci, Acad Sci USSR, $\frac{1}{4}$ p

"Zool Zhur" Vol XXVII, No 3

Prize, value 20,000 rubles, is awarded for best work in physiology. Entries must be written in Russian and completed in 1948.

6/49T75

SUKACHEV, V. N. ACAD

IA 6/49774

USSR/Medicine - Plants
Medicine - Botany

May/Jun 48

"Competition for the Prize Imeni Academician V. L. Komarov," Acad V. N. Sukachev, Deputy Acad Secy, Dept Biol Sci, Acad Sci USSR, 1 p

"Zool Zhur" Vol XXVII, No 3

Prize, value 20,000 rubles, is awarded for best work on systematics, anatomy, and morphology of plants, botanic geography and paleobotany. Entries must be written in Russian and completed in 1948.

6/49774

SUKACHEV, V. N. Acad

PA 36/49T33

USSR/Medicine - Botany
Medicine - Environment

Jan/Feb 48

"The Problem of Phytocenosis at the All-Union
Botanical Congress," Acad V. N. Sukachev, Acad
S. Ya. Sokolov, 1 p

"Botan Zhur" Vol XXXIII, No 1

Many problems exist in field of phytocenosis.
Suggests that at subsequent meetings of subject
Congress reports be submitted on the following:
(1) basic problems of phytocenosis, (2) control of
phytocenosis, (3) classification of phytocenosis,
(4) national problems of phytocenosis, and (5)
cultural phytocenology.

36/49T33

SUKACHEV, V. N.

USSR, Geography
Reforestation

Feb 49

"Meeting of the Academy of Sciences USSR, 6 January 1949 (Report of Members)" 11 pp

"Vest Ak Nauk SSSR" No 2

V. N. Sukachev, reporting on "History of the Struggle for the Reforestation of Our Steppes," presented a history of reforestation programs in the USSR, and nine points of the future reforestation program. A. A. Grigor'yev, "Geographical Science in the USSR," described the historical development of geographical sciences in the USSR. Mentions various maps of the USSR.

Briefly discusses geographical economy. L. S. Berg, "Early Geographical Studies in Russia," discussed past developments in the geographical field.

47/49T45

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25783. SUKACHEV, V. N. Iz istorii problemy preobrazovaniya prirody nashikh stepy putem lesonasazhdeniy. Voprosy geografii, sb. 13, 1949, s. 5-20.

SO: Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

SUKACHEV, V.N.

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Zadachi statsionarnogo fitotsyenotichyeskogo izucheniya, dubovogo lyesa
i ryekotoryye obshchiye ryezulbtaty ego. Uchye N. Zapiski (Pyeningr. Gos. UN-T
Im. Zhdanova) Syeriya Biol. Nauk. Byp. 17, 1949 S.3-12

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1. Forest ecology.
2. Forests and forestry - Russia.
3. Forests and forestry - Congresses. I. Sukachev, Vladimir Nikolaevich, 1880 ed.

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SURACHEV, V. H.

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Book W-22202, 7 Apr 52

SUKACHEV, V. N.

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SUKACHEV, V.N.

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Some basic problems in phytocoenology. Probl.bot. no. 449-464 '50.
(Botany--Ecology) (MLRA 8:11)

SUKACHEV, V. N., Dylis, N. V.

"Conference on Forest Classification Held by the Institute of Forestry, Academy of Science, USSR, 3-5 February 1950"

Botan Zhur, Vol XXXV, No 3, Moscow/Leningrad, May-Jun 1950, pp 329-322

Full translation - U-5367, 25 Jan 54

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AKADEMIIA nauk SSSR.

Scientific session on problems of biology and agriculture, Riga, Oct. 22-26, 1951.

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(55-16522)

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SUKACHEV, V.N., otv.red.; LAVRENEV, Ye.M., otv.red.; LARIN, I.V.,
otv.red.

[Concise guide for geobotanic research in connection with shelterbelt afforestation and the establishment of a stable feed supply in the southern regions of the European U.S.S.R.] Kratkoe rukovodstvo dlia geobotanicheskikh issledovaniy v svyazi s polezashchitnym lesorazvedeniem i sozdaniem ustoychivoi kormovoi bazy na iuge Evropeiskoi chasti SSSR. Moskva, 1952. 190 p.

(MIRA 13:11)

1. Akademiya nauk SSSR. Institut lesa.
(Windbreaks, shelterbelts, etc.) (Pastures and meadows)

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Problems regarding the theory of steppe forestry. Les. i step' 4, no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, NOVEMBER 1952 ~~1953~~, Uncl.

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1. Akademiya nauk SSSR. Kompleksnaya nauchnaya ekspeditsiya po voprosam polezashchitnogo lesorazvedeniya, 1949-. 2. Deystvitel'nyy chlen Akademii nauk Tadzhikskoy SSR. (for Antipov-Karatayev). (Sarpy District--Afforestation)

SUKACHEV, V.N., akademik, otvetstvennyy redaktor; ZONN, S.V., professor, doktor sel'skokhozyaystvennykh nauk, otvetstvennyy redaktor; KACHINSKIY, N.A., doktor geologo-mineralogicheskikh nauk, professor, otvetstvennyy redaktor; ZHITOV, S.P., redaktor izdatel'stva; ALEKSEYEVA, T.V., tekhnicheskiiy redaktor

[Works of the combined scientific expedition on problems of shelter-belt afforestation] Trudy Kompleksnoi nauchnoi ekspeditsii po voprosam polezashchitnogo lesorazvedeniya. Moskva. Vol.2. [Works published in 1950] Raboty 1950 g. No.6 [Spot seeding of oak in light Chestnut soils] Opyt gnezdevogo poseva duba na svetlozashtanovykh pochvakh. 1953. 214 p. No.7 [Natural conditions in the Stalingrad-Stepnoi-Cherkassk state shelterbelt] Prirodnye usloviya gosudarstvennoi zashchitnoi lesnoi polosy - Stalingrad - Stepoi - Cherkassk. 1953. 360 p. (MLRA 10:10)

1. Akademiya nauk SSSR. Kompleksnaya nauchnaya ekspeditsiya po voprosam plezashchitnogo lesorazvedeniya, 1949- 2. Nauchnyy rukovoditel Kompleksnoy nauchnoy ekspeditsii po voprosam polezashchitnogo lesorazvedeniya Akademii nauk SSSR (for Sukachev). 3. Nachal'nik Kompleksnoy nauchnoy ekspeditsii po voprosam polezashchitnogo lesorazvedeniya Akademii nauk SSSR (for Zonn). 3. Nauchnyy rukovoditel' Pochvenno-lesomeliorativnogo otryada (for Kachinskiy) (Afforestation) (Windbreaks, shelterbelts, etc.) (Oak)

SUKACHEV, Y.M., akademik, otvetstvennyy redaktor; ZONN, S.V., professor, doktor sel'sko-khozyaystvennykh nauk, otvetstvennyy redaktor; KOLOSHNIKOV, G.V., redaktor izdatel'stva; RUSINA, I., tekhnicheskiiy redaktor

[Work of the combined scientific expedition on problems of shelter-belt afforestation] Trudy Kompleksnoi nauchnoi ekspeditsii po voprosam polezashchitnogo lesorazvedeniya, Vol.2. [Work in 1950] Raboty 1950 g. No.4. [Natural conditions of the Penza - Komensk State Shelterbelt and methods of afforestation] Prirodnye uslovia gosudarstvennoi zashchitnoi lesnoi polosy Penza - Komensk i obosnovanie metodov oblesitel'nykh rabot. 1953. 237 p. (MLRA 10:8)

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3. Nachal'nik Kompleksnoy nauchnoy ekspeditsii po voprosam polezashchitnogo lesorazvedeniya Akademii nauk SSSR (for Zonn)
(Windbreaks, shelterbelts, etc.)

SUKACHEV, V. N.

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Ed. by Sukachev] Moskva, Izd-vo Akademii Nauk SSSR, 1953.

575 p. Illus., graphs, tables.

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At head of title: Akademiya Nauk SSSR. Akademiya Nauk Latviyskoy SSSR.
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Estonskoy SSSR.

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SUKACHEV, V. N. ACAD

SA 244187

USSR/Geophysics - Paleogeography

Feb 53

"Work of Important Scientific Value: K. K. Markov's
'Paleogeography'," Acad V. N. Sukachev (reviewer)

"Priroda" No 2, pp 117-120

Presents very favorable review of K. K. Markov's
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(Botany--Ecology) (Nuzhdin, N.I.) (Dmitriev, V.S.)

SUKACHEV, V. N.

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Intra- and interspecific relationships among plants. Bot. zhur. 38, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

1. SUKACHEV, V. N., Acad.
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KATS, N.Ya.; KATS, S.V.; ^V~~SUKACHEV~~, V.N., akademik.

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1. Akademiya Nauk SSSR (for Sukachev).

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POZDNYAKOV, L.K.; SUKACHEV, V.N., akademik.

Light conditions under the cover of a deciduous forest. Lokl.^{AN} SSSR 90
no.5:905-907 Je '53. (MLA 6:5)

1. Institut lesa Akademii nauk SSSR (for Pozdnyakov). 2. Akademiya nauk
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SMIRNOV, V.V.; SUKACHEV, V.N., akademik.

Certain peculiarities of the vegetative reproduction of aspen. Dokl. AN
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1. Institut lesa Akademii nauk SSSR (for Smirnov). 2. Akademiya nauk SSSR
(for Sukachev). (Aspen)

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NEZGOVOROV, L.A.; KOTOVICH, O.M.; SUKACHEV, N.N., akademik.

Growth of tea seedlings in conditions of biological acidification of soil.
Dokl. AN SSSR 90 no.5:929-932 Jo '53. (MLBA 6:5)

1. Institut fiziologii rasteniy im. K.A. Timiryazeva Akademii nauk SSSR
(for Nezgovorov, Kotovich). 2. Akademiya nauk SSSR (for Sukachev). (Tea)

SHCHERBAKOV, A.P.; SUKACHEV, V.N., akad^{emik}.

Peculiarities in the autumn growth of tree and shrub seedlings. Dokl. AN
SSSR 90 no.5:937-940 Je '53. (MLRA 6:5)

1. Akademiya nauk SSSR (for Sukachev). (Seedlings) (Trees) (Shrubs)

P'YAVCHENKO, N.I.; SUKACHEV, V.N., akademik.

Changes in the composition of forests in the southern part of the Valday Plateau during the Holocene. Dokl. AN SSSR 90 no.6:1143-1146 Je '53.
(MLRA 6:6)

1. Institut lesa Akademii nauk SSSR. 2. Akademiya nauk SSSR (for Sukachev)
(Valday Plateau--Trees, Fossil)

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1. Botanicheskiy institut im. V.L. Komarova Akademii nauk SSSR. 2. Akademiya
nauk SSSR (for Sukachev). (Pine)

MOLOTKOVSKIY, G.Kh.; MOLOTKOVSKIY, Yu.G.; SUKACHEV, V.N., akademik.

Polarity and the concentration of hydrogen ions in metamers of some plants.
Dokl. AN SSSR no.6:1171-1173 Je '53. (MLRA 6:6)

1. Chernovitskiy gosudarstvennyy universitet. 2. Akademiya nauk SSSR (for
Sukachev). (Botany--Physiology)

NEZGOVOROV, L.A.; SUKACHEV, V.N., akademik.

Decomposition of plastid chlorophyll and the protective role of proteins
of the cytoplasm. Dokl. AN SSSR 90 no.6:1175-1178 Je '53. (MLEA 6:6)

1. Akademiya nauk SSSR (for Sukachev). (Chlorophyll)

KULIK, A.A.; SUKACHEV, V.N., akademik.

Determination of sex in diclinous plants. Dokl. AN SSSR 91 no.2:417-419 J1
'53. (MIRA 6:6)

1. Akademiya nauk SSSR (for Sukachev).

(Plants, Sex in)

ORLOV, A.Ya.; SUKACHEV, V.I., akademik.

Soil temperature and forest productivity. Dokl. AN SSSR 91 no.4:957-960
Ag '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Sukachev). 2. Sovet po izucheniiu proiz-
voditel'nykh sil Akademii nauk SSSR (for Orlov).
(Forests and forestry) (Soil temperature)

PENOMAREV, A.N.; BUKINA, A.I.; SUKACHEV, V.N., akademik.

Daily rhythm of flowering and pollination of grasses. Dokl.AN SSSR 91 no.5:
1217-1220 Ag '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Sukachev). 2. Molotovskiy gosudarstvennyy universitet im. A.M.Gor'kogo (for Penomarev and Bukina).

(Grasses) (Fertilization of plants)

PONOMAREV, A.N.; SUKACHEV, V.N., akademik.

Effect of drought on alfalfa pollination. Dokl.AN SSSR 91 no.6:1393-1396
Ag '53. (MLA 6:8)

1. Akademiya nauk SSSR (for Sukachev). 2. Molotovskiy gosudarstvennyy uni-
versitet im. A.M.Gor'kogo (for Ponomarev). (Alfalfa)

SVESHNIKOVA, N.N.; SUKACHEV, V.M., akademik.

A find of the genus *Cryptomeria* Don. in the mesotic deposits in Georgia. Dokl.
AN SSSR 92 no.2:417-419 S '53. (MLA 6:9)

1. Akademiya nauk SSSR (for Sukachev). 2. Botanicheskiy institut im. V.L.
Komarova Akademii nauk SSSR (for Sveshnikova).
(Georgia--Paleobotany) (Paleobotany--Georgia)

PALEYEV, A.M.; SUKACHEV, V.N., akademik.

Problems of grain crop lodging. Dokl.AN SSSR 92 no.2:435-438 S '53.
(MIRA 6:9)

1. Akademiya nauk SSSR (for Sukachev). (Grain--Diseases and pests)

SUKACHEV, V.N., akademik.

Ecologic types of willows developing in recently inundated river valleys.
Dokl.AN SSSR 92 no.3:675-678 S '53. (MLRA 6:9)

1. Akademiya nauk SSSR.

(Willows)

ZAKLINSKAYA, Ye.D.; SUKACHEV, V.N., akademik.

Spore and pollen spectrum of the marine Oligocene of the northern Aral lake region. Dokl.AN SSSR 92 no.6:1213-1216 0 '53. (MLBA 6:10)

1. Akademiya nauk SSSR (for Sukachev).
(Aral lake--Paleobotany) (Paleobotany--Aral lake)

RODIONENKO, G.I.; SUKACHEV, V.N., akademik.

Unusual type of downward growth of the corm in Iris during the germination period. Dokl. AN SSSR 92 no.6:1221-1223 0 '53. (MLBA 6:10)

1. Akademiya nauk SSSR (for Sukachev). 2. Botanicheskiy institut im. V.L. Komarova Akademii nauk SSSR (for Rodionenko). (Iris (Plant))

SEMENENKO, G.I.; TIMASHEVA, O.A.; SUKACHEV, V.N., akademik.

Vitality of the hybrid progeny of intergeneric Solanaceae grafts. Dokl. AN
SSSR 93 no.1:159-162 N '53. (MIRA 6:10)

1. Akademiya nauk SSSR (for Sukachev). 2. Khar'kovskiy gosudarstvennyy
universitet im. A.M.Gor'kogo (for Semenko and Timasheva). (Potatoes)

TURBIN, N.V.; SUKACHEV, V.N., akademik.

On the biologic role of repeated pollination in plants. Dokl. AN SSSR 93
no.1:167-169 N '53. (MLRA 6:10)

1. Akademiya nauk SSSR (for Skuachev). 2. Leningradskiy gosudarstvennyy
universitet im. A.A. Zhdanova (for Turbin). (Fertilization of plants)

IVANOVSKAYA, A.A.; SUKACHEV, V.A., akademik.

Effect of various soils on the growth and formation of lemon and tangerine.
Dokl.AN SSSR 93 no.1:175-177 N '53. (MIRA 6:10)

1. Akademiya nauk SSSR (for Sukachev). 2. Odesskiy gosudarstvennyy universi-
tet im. I.I.Mechnikova (for Ivanovskaya). (Lemon) (Tangerine)

SHUMANOV, Ye.A.; SUKACHEV, V.N., akademik.

A new disease of oak seedlings, Dokl. AN SSSR 93 no.1:189-192 N '53.
(MLRA 6:10)

1. Akademiya nauk SSSR (for Sukachev).
2. Institut lesa Akademii nauk SSSR
(for Shumanov). (Oak--Diseases and pests)

SHCHERBAKOV, A.P.; SUKACHEV, V.N., akademik.

Correlation of growth and accumulation of ash and nitrogen elements in the overground organs of the soybean affected by various calcium and magnesium ratio in the nutrient. Dokl.AN SSSR 93 no.1:193-196 N '53. (MLRA 6:10)

1. Akademiya nauk SSSR (for Sukachev). 2. Institut lesa Akademii nauk SSSR (for Sukachev). (Soybean)

SHCHERBAKOV, B.I.; SUKACHEV, V.N., akademik.

Fluctuations of the water-retaining capacity of plant leaves during the day.
Dokl.AN SSSR 93 no.1:197-200 N '53. (MIRA 6:10)

1. Akademiya nauk SSSR (for Sukachev).

(Leaves)

BUDANTSEV, L.Yu.; SUKACHEV, V.N., akademik.

New discovery of Saval palm in Kazakhstan. Dokl.AN SSSR 93 no.2:347-
N '53. (MLRA 6:10)

1. Akademiya nauk SSSR (for Sukachev).
(Kazakhstan--Palms, Fossil) (Palms, Fossil--Kazakhstan)

SHCHERBAKOV, B.I.; SEMIOTROCHEVA, L.; SUKACHEV, V.N., akademik.

Water absorption of living plant cells as an active physiological process.
Dokl.AN SSSR 93 no.4:721-724 D '53. (MLBA 6:11)

1. Akademiya nauk SSSR (for Sukachev). 2. Institut introduktsii rasteniy i
osvoyeniya pustyn' Akademii nauk Kazakhskoy SSR (for Shcherbakov and Semiotro-
cheva). (Plants--Absorption of water)

Учредитель

BARANOV, P.A., redaktor; GENIEL', P.A., redaktor; KUPREVICH, V.P., redaktor; LAVRENKO, E.M., redaktor; SOCHAVA, V.B., redaktor; SUKACHEV, V.N., redaktor; TIKHOMIROV, B.A., redaktor; SHISHKIN, B.K., redaktor; ZELENSKIY, O.V., redaktor.

[Problems in botany] Voprosy botaniki. Moskva, Izd-vo Akademii nauk SSSR. Vol. 1-2. 1954. 904 p. [In Russian and French] (MLRA 7:11)

1. Vsesoyuznoye botanicheskoye obshchestvo.
(Botany)

SUMMARY, V. N.

USSR/Agriculture

Card 1/1

Author : Sukachev, V. N. Academician

Title : Basic problems of science regarding forestry and agriculture

Periodical : Priroda, 5, 3-11, May 1954

Abstract : The September session of the Central Committee of the Communist Party of the USSR developed a concrete program for absolute increase in the productivity of agriculture and forestry, in order to increase the supply of farm goods and raw materials for industry. The program calls for absolute increase in the production and delivery of consumer goods. The agricultural groups are urged to make full use of new soils and waste land and to make good use of the raw material (timber) and other forest products (nuts, berries, mushrooms, furs, etc). Forest grasses should be utilized as animal fodder. Science is requested to lend its helping hand in developing and increasing farm and forest productivity.

Institution :

Submitted :